

METHOD AND APPARATUS ANCHORING AN OCCLUDING MEMBER

ABSTRACT OF THE DISCLOSURE

Pressure is measured on both sides of an occluding member for determining when pressure forces on the occluding member may cause migration of the occluding member. An alarm indicates when the pressure force on the balloon exceed a predetermined threshold. In another aspect of the invention, a pressure monitor determines when a rate of pressure increase with respect to the fluid volume in the balloon reaches a predetermined threshold when inflating the occluding member. A predetermined amount of fluid is then added to the balloon so that the balloon is not under inflated or over inflated.

1. A method for determining when pressure forces on an occluding member may cause migration of the occluding member, the method comprising:
 (a) measuring a first pressure on a first side of the occluding member;
 (b) measuring a second pressure on a second side of the occluding member;
 (c) comparing the first pressure and the second pressure to a predetermined threshold;
 (d) indicating an alarm when the first pressure exceeds the predetermined threshold;
 (e) determining a rate of pressure increase with respect to the fluid volume in the balloon;
 (f) determining when the rate of pressure increase reaches a predetermined threshold;
 (g) adding a predetermined amount of fluid to the balloon so that the balloon is not under inflated or over inflated.